

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 - 12 (Cancelled)

Claims 13 - 20 (Not Entered)

Claims 21 - 24 (Cancelled)

Claim ~~25~~ (New): A method for immobilizing a cDNA library on an original support and at least one replica support comprising:

- a. immobilizing an amino group on the surface of the original support
- b. contacting the original support with oligo (dT)_n to immobilize the oligo (dT)_n onto the original support, wherein n is from 15 to 30;
- c. treating the original support with a reaction solution comprising total RNA, reverse transcriptase, and nucleotides to construct cDNA from mRNA;
- d. maintaining the original support in contact with the reaction solution at 20°C to hybridize oligo (dT)_n on the original support and mRNA in the total RNA solution;

e. treating the original support with reverse transcriptase solution and maintaining the original support in contact with reverse transcriptase to produce a cDNA library immobilized on the original support;

f. cleaning the original support and heating the original support to dehybridize mRNA from the original support; and

g. repeating steps b-f using a replica support in place of the original support in order to produce a replica cDNA library immobilized on the support.

Claim ²~~26~~ (New): The method according to claim ¹~~25~~ wherein dehybridized mRNA solution is temporarily preserved.

Claim ³~~27~~ (New): The method according to claim ²~~26~~ wherein the mRNA that is temporarily stored is used in the reaction solution.

Claim ⁴~~28~~ (New): A method for immobilizing a gDNA library on an original support and at least one replica support comprising:

h. immobilizing an amino group on the surface of the original

- i. contacting the original support with a sense portion of oligo nucleotide having the base sequence of a target restrictive enzyme;
- j. treating the original support with restrictive enzyme to produce a support having a complete restrictive enzyme cut portion
- k. treating the original support with a reaction solution comprising purified gDNA library solution treated with restrictive enzyme, DNA ligase solution, DNA polymerase solution, and nucleotides;
- l. maintaining the original support in contact with the reaction solution at 20°C to produce the gDNA library immobilized by DNA ligase on the support;
- m. cleaning the original support and heating the original support to dehybridize mRNA from the original support;
- n. heating the original support to dehybridize an anti-sense portion from a double stranded sense portion and eluting the anti-sense portion of the gDNA library from the support; and
- o. repeating steps b-f using a replica support in place of the original support in order to produce a replica gDNA library immobilized on the support.